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Starch compositions and the use thereof in the wet-end of paper preparation

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Abstract

The present invention relates to compositions of starch. The compositions consist of an anionic and a cationic starch wherein at least one of the starches is waxy. The compositions are surprisingly not resulting in an agglomerated product when cooked. The compositions are used in paper or cardboard preparation. The compositions are cooked and added at the wet end of the paper production process. This results in a high possible addition level and the use of the size press is abolished. The resulting paper and board are shown to have better characteristics than the paper and board prepared with the same components which have not been mixed prior to addition but which are added separately.

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